No.015/PG/MSC/Exams/2013   Date : 15.04.2013

M. Sc. (CBCS & Non-CBCS) & M.Sc. (Nano-Science)
II-Semester (Regular, Backlog & Improvement) Examinations April, 2013
Time Table
TIME : 10.00 A.M. TO 1.00 P.M.

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Tuesday 23.04.2013	**PAPER-I**	GEOLOGY	Igneous Petrology & Geochem.
		ASTRONOMY	Quantum Mechanics & Spectroscopy
		APPL.GEO-CHEMISTRY	Igneous Geochemistry
		APPL. STATISTICS	Statistical Inference
		BOTANY	Biology & Diversity of Lower Plants-II
		BIOCHEMISTRY	Enzymology
			Intermediary Metabolism (Non-CBCS)
		BIOTECHNOLOGY	Immunology
			Microbiology (Non-CBCS)
		CHEMISTRY (common)	Inorganic Chemistry
		COMPUTER SCIENCE	Automata Languages & Computation
		COMPUT. GEOPHYSICS	Statistical Physics (Old)
		ELECTRONICS	Quantum Mechanics & S.S.P. (Non-CBCS)
		ENVIRONMENTAL SCI.	Environmental Microbiology
		FORENSIC SCIENCE	Forensic Physics & Ballistics
		GEOGRAPHY	Climatology & Oceanography
		GENETICS	Molecular Genetics
		GEOPHYSICS	Applied Geology
		GEO-INFORMATICS	Advanced G I S
		MATHS/APPL. MATHS	Advanced Algebra
		MATHS WITH COMP. SCI.	Complex Analysis
			Elementary Number Theory (Non-CBCS)
		MICROBIOLOGY	Microbial Physiology & Metabolism
			Microbial Physiology (Non-CBCS)
		NANO SCIENCE	Solid State Physics
		NUTRITION & DIETETICS	Intermediary Metabolism
		PHYSICS/APPL. ELEC./ ASTROPHYSICS	Electromagnetic Theory
		PHARM. CHEMISTRY	Synthetic Pharmaceuticals & Bio-Molecules(OLD)
		STATISTICS	Sampling Techniques
		ZOOLOGY	Functional Anatomy of Vertebrates and Economic Zoology
Thursday 25.04.2013	**PAPER-II**	GEOLOGY	Metamorphic Petrology Thermodynamics
		ASTRONOMY	Fluid Mechanics and Magneto Hydrodynamics
		APPL.GEO-CHEMISTRY	Metamorphic Geo-Chem.
		APPL. STATISTICS	Applied Regression Analysis
		BOTANY	Gymnosperms (Living & Fossils) and Embryology
		BIOCHEMISTRY	Molecular Biology-I
			Enzymology (Non-CBCS)
		BIOTECHNOLOGY	Molecular Biology-I
		CHEMISTRY (Common)	Organic Chemistry
		COMPUTER SCIENCE	Client Server Programming (Using Java)
		COMPUT. GEOPHYSICS	Time Series Analy. & Inverse Theory (Old)
		ELECTRONICS	Feedback Control System (Non-CBCS)
		ENVIRONMENTAL SCI	Ecology and Ecosystem Dynamics

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Thursday 25.04.2013	**PAPER-II**	FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS GEO-INFORMATICS MATHS/APPL. MATHS MATHS WITH COMP. SCI. MICROBIOLOGY NANO SCIENCE NUTRITION & DIETETICS PHYSICS/APPL. ELEC./ ASTROPHYSICS PHARM. CHEMISTRY STATISTICS ZOOLOGY	Instru. Methods of Analysis-II Forensic Toxicology (Non-CBCS) Economic Geography Immunogenetics Molecular Gene.-Prokaryotes (Non-CBCS) Seismic Methods Business G.I.S. Regional Planning & Develop. Studies (Non-CBCS) Advanced Real Analysis Computer Organization Complex Analysis (Non-CBCS) Food Microbiology & Toxicology Immunology (Non-CBCS) Synthesis & Characterization of Nano Materials Physics & Chemistry of Solids (Old) Food Science Statistical Mechanics Solid State Physics-I (Old) Spectroscopy - II (Old) Stochastic Processes Cell and Molecular Biology
Saturday 27.04.2013	**PAPER-III**	GEOLOGY ASTRONOMY APPL.GEO-CHEMISTRY APPL. STATISTICS BOTANY BIOCHEMISTRY BIOTECHNOLOGY CHEMISTRY (common) COMPUTER SCIENCE COMPUT. GEOPHYSICS ELECTRONICS ENVIRONMENTAL SCI. FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS GEO-INFORMATICS MATHEMATICS/ MATHS WITH COMP. SCI. APPLIED MATHEMATICS MICROBIOLOGY	Sedimentology & Petroleum Geology Sedimentology (Non-CBCS) Steller Spectroscopy & Atmosphere Steller Spectroscopy Sedimentary & Organic Geochemistry Multivariate Data Analysis Structural & Developmental Anatomy and Palynology Biochemical Genetics & Model Organisms Microbiology & Virology (Non-CBCS) Molecular Biology-II Physical Chemistry Computer Networks & Internet Protocols Continuum Mechanics (Solid & Fluids) (Old) Microprocessors & Interfacing (Non-CBCS) Wastewater Treatment Tech. Forensic Biology & Biological Techniques Forensic Medicine (Non-CBCS) Environmental Studies Genetics of Crop Improvement Immune Genetics (Non-CBCS) Magnetic Methods Environmental Studies Functional Analysis Advanced Complex Analysis Immunology Antimicrobial Agents & Chemotherapy (Non-CBCS)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Saturday 27.04.2013	**PAPER-III**	NANO SCIENCE	Properties of Nano Materials
		NUTRITION & DIETETICS	Diet Diseases
		PHYSICS/APPL. ELEC./ ASTROPHYSICS	Quantum Mechanics – II
		PHARM. CHEMISTRY	Biopharmaceutical Chemistry and Pharmaco Dynamics (Old)
		STATISTICS	Linear Models and Design of Experiments Linear Models & Regression Analysis (Non-CBCS)
		ZOOLOGY	Animal Physiology
Tuesday 30.04.2013	**PAPER-IV**	GEOLOGY	Ore Genesis & Mineral Deposits
		ASTRONOMY	Stellar Structure & Evolution
		APPL. STATISTICS	Design of Experiments
		APPL. GEOCHEMISTRY	Analytical Geochemistry
		BOTANY	Plant Physiology
		BIOCHEMISTRY	Computational Biology Quantitative Biology (Old) Clinical Bio-Chemistry & Vitamin Assays (Non-CBCS)
		BIOTECHNOLOGY	Statistics, Lab Mgt.& Safety, Entrepreneurship Statistics, Standards, Quality & Laboratory Management & Safety (Non-CBCS)
		CHEMISTRY (Common)	Analytical Techniques & Spectroscopy II Computer & Spectroscopy (Non-CBCS)
		COMPUTER SCIENCE	Design & Analysis of Algorithms
		COMPUT. GEOPHYSICS	Partial Differential Equations (Linear & Non Linear) (Old)
		ELECTRONICS	Digital & Fibre Optic Commu. (Non-CBCS)
		ENVIRONMENTAL SCI.	Geo-Environment
		FORENSIC SCIENCE	Statistics, Standards Quality Management & Laboratory Management
		GEOGRAPHY	Regional Development Studies
		GENETICS	Human Genetics Biometry & Population Genetics (Non-CBCS)
		GEOPHYSICS	Electromagnetic Methods
		GEO-INFORMATICS	Programming Languages
		MATHEMATICS	Theory of Ordinary Differ. Equns.
		APPLIED MATHEMATICS	Fluid Mechanics
		MATHS WITH COMP. SCI.	Designes & Analysis of Algorithms Operating System (Non-CBCS)
		MICROBIOLOGY	Pharmaceutical Microbiology Enzymology & Bio-Chemical Tech. (Non-CBCS)
		NANO SCIENCE	Carbon Nano Tubes & Its Functionalization
		NUTRITION & DIETETICS	Research Methodology
		PHYSICS/APPL. ELEC. ASTROPHYSICS	General Solid State Physics Solid State Physics-II (Old)
		PHARM. CHEMISTRY	Natural Pharmaceuticals (Old)
		STATISTICS	Multivariate Analysis
		ZOOLOGY	Developmental Biology & Evolution

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Friday **03.05.2013**	**PAPER-V**	COMPUTER SCIENCE	A) Adv. Comp. Architecture B) Finite Difference & Finite Element Methods C) Embedded Systems
		COMPUT. GEOPHYSICS ASTROPHYSICS/PHYSICS/ APPL. ELEC.	Finite Diff. & Finite Element Methods (Old)
		PHARM. CHEMISTRY MATHEMATICS	Electronics – II (New & Old) Chirotechnology (Old) Topology Discrete Mathematics (Non-CBCS)
		APPLIED MATHEMATICS MATHS WITH COMP. SCI. NANO SCIENCE	Integral Transforms Data Structure Through C++ Carbon Nano Tubes & Its Functionalization (Old)
		ELECTRONICS	Digital Signal Processing & Digital Signal Processors (Non-CBCS)
Thursday **09.05.2013**	**Compulsory Add on Course Paper**	**Time : 10.00 a.m. to 12.00 Noon**	Human Rights, Environmental Concerns & Practical Ethics

NOTE : **Any clash or omission in the Subjects/Titles in the Time-Table may be brought to the notice of the Controller of Examinations.**

Sd/-
CONTROLLER OF EXAMINATIONS

No. 015/PG/MSC/Exams/2013   Date : 15.04.2013

M.Sc. (Non-CBCS) IV-Semester (Regular, Backlog & Improvement) Examinations, April, 2013
TIME TABLE
TIME : 10.00 A.M. TO 1.00 P.M.

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 22.04.2013	**PAPER-I**	ASTROPHYSICS	Celestial Mechanics
		APPL. ELECTRONICS	Digital System Design Using V H D L
		ASTRONOMY	Astronomical Techniques
		APPL. STATISTICS	Operations Research – II
		ANAL. CHEMISTRY	Physical Methods of Analysis
		BOTANY	Molecular Genetics, Bio-Statistics, Eco-Diversity & Conservation
		BIOCHEMISTRY	Cell Biology
		BIO-TECHNOLOGY	Bio-informatics
		COMP. SCIENCE	Data Warehousing & Mining
		ELECTRONICS	Biomedical Instrumentation
		GENETICS	Bio-informatics
		INORG. CHEMISTRY	Inorganic Biochemistry
		MATHEMATICS	Advanced Complex Analysis
		APPL. MATHEMATICS	Functional Analysis
		MATHS WITH COMP. SCI.	Integral Transforms
		MICROBIOLOGY	Molecular Biotechnology
		NUTRITION & DIETETICS	Patient Counseling & Comp. Appl. Product Development (Old)
		ORGANIC CHEMISTRY	Drug Discovery
		PHYSICAL CHEMISTRY	Bio-Physical Chemistry
		PHYSICS	Nuclear Physics
		PHARMACEURICAL CHEM.	Industrial Pharmaceutical Chemistry
		STATISTICS	Non Parametric Inference
		ZOOLOGY	Animal Biotechnology
Wednesday 24.04.2013	**PAPER-II**	ASTROPHYSICS	Galaxies & Universe
		APPL. ELECTRONICS	Micro Controllers & Its Applications
		APPL. STATISTICS	Applied Stochastic Processes
		ANAL. CHEMISTRY	Electro Analytical Methods
		APPL. MATHEMATICS	Finite Element Methods
		BIOCHEMISTRY	Immunology
		BIO-TECHNOLOGY	Bioprocess Engineering
		BOTANY	A) Molecular Plant Pathology (Spl. Appl. Myco. and Mol. Plant Pathology) B) Plant Molecular Bio. & Genetics Engg. (Spl-Appl. Plt. Phy.& Molec. Biology) C) Taxonomy of Angiosperms (Spl - Biodiversity of Angio., Med, Bot & Pharma.) D) Molecular Cytogenetics (Spl - Cytogenetics, Gen, & Mol, Gen.) E) Plant Fossils Techniques, Applications & Early Evolution of Life (Spl - Appl Palynology Paleo Phytology)
		COMP. SCIENCE	Mobile Computing
		ELECTRONICS	V L S I Design
			Internet Working With TCP/IP (Old)
		GENETICS	Plant Molecular Biology

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Wednesday 24.04.2013	**PAPER-II**	INORG. CHEMISTRY	Environmental Chemistry
		MATHEMATICS	General Measure Theory
		MATHS WITH COMP. SCI.	Automata Language & Computation
		MICROBIOLOGY	Microbial Biotechnology
		NUTRITION & DIETETICS	Food Technology
		ORGANIC CHEMISTRY	Mechanism of Action of Drugs
		PHYSICAL CHEMISTRY	Applied Physical Chemistry
		PHY.ORG.CHEMISTRY	Quantum Chemistry, Group Theory And Applied Electro Chemistry
		PHYSICS	Nano Materials
		STATISTICS	Time Series Analysis
		ZOOLOGY	Endocrinology
Friday 26.04.2013	**PAPER-III**	ASTROPHYSICS	Astronomical Techniques
		APPL. ELECTRONICS	Internet Working With TCP/IP
		ASTRONOMY	Space Physics
		APPL. STATISTICS	Statistical Pattern Recognition
		ANAL. CHEMISTRY	Laboratory Management
		BOTANY	A) Principles of Plant Pathology (Spl. Appl. Myco.& Mol. Plant Pathology)
			B) Phytoheaomanes & Plant Development (Spl-Appl. Plt. Phy.& Molec. Biology)
			C) Pharmacognosy (Spl - Biodiversity of Angio.)
			D) Molecular Genetics (Spl - Cytogenetics, Gen, & Mol, Gen.)
			E) Post Harvest Pathology
			F) Gondwana Sys., Floristic Continental Drift & Deccan Intertrappean Flora (Spl –Appl. Palynology Paleophytology)
		BIOCHEMISTRY	Biotechnology
		BIO-TECHNOLOGY	A) Animal Biotechnology
			B) Medical Biotechnology
			C) Agricultural Biotechnology
			D) Environmental Biotech.
		ELECTRONICS	Micro-Controller and Applications (Old)
		GENETICS	Human Molecular Genetics
		INORG. CHEMISTRY	A) Supramolecular Chemistry
			B) Electro Analy. Techniques
		MATHEMATICS	A) Obj. Oriented Programming Through C++
			B) Prime Numbers Theory
			C) Advanced Operations Research
		APPL. MATHEMATICS	A) Topology
			B) Bio-Mechanics
			C) Advanced Operation Research
		MATHS WITH COMP. SCI.	Computer Graphics
		MICROBIOLOGY	Microbiology of Food & Environment
		NUTRITION & DIETETICS	Community Nutrition
		ORGANIC CHEMISTRY	A) Bio-organic Chemistry
			B) Adv. Heterocyclic Chem.
			C) Medicinal Chemistry
		PHYSICAL CHEMISTRY	Macromolecules & Catalysis
		PHY.ORG.CHEMISTRY	Asymmetric Synthesis
		STATISTICS	Advanced Designs & Analysis of Experiments

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Friday 26.04.2013	**PAPER-III**	PHYSICS	A) Radiation (Biophysics Spl.) B) Embedded Micro System (Spl. Elect. Instru.) C) Optical Fibre Communications (Spl. Elect. Commn.) D) Fundamental of Optical Fibres (Spl. Optoelectronics) E) Engineering Materials (Spl. Material Science) F) Principles of Communications (Spl. Microwaves) G) Optical Phenomena in Solids (Spl. S S P) H) Optical Phenomena in Solids (Spl. C.M.P)
		ZOOLOGY	A) Entomology-II B) Neuroscience-II C) Fisheries-II New Comp. Animal Physiology-II E) Helminthology-II F) Applied Toxicology G) Biodiversity & Conservation-II
Monday 29.04.2013	**PAPER-IV**	APPL. GEOLOGY ASTROPHYSICS APPL. ELECTRONICS ASTRONOMY APPL. STATISTICS ANAL. CHEMISTRY BOTANY	Adv. Remote Sensing Space Physics Control Systems Binary Stars Reliability Theory Industrial, Agricultural, Forensic and Pharmaceutical Analysis A) Fungal Biotechnology (Spl. Appl. Myco.& Mol. Plant Pathology) B) Physiology & Molecular Biology of Nitrogen Fixation (Spl-Appl. Plt. Phy.& Molec. Biology) C) Biotechnology of Medicinal Plants (Spl - Biodiversity of Angio., Med, Bot & Pharma.) D) Genetic Engineering & Crop Improvement (Spl. Cytogenetics) E) Antiquity & Origin of Angiosperms & Tertiary Floras And Climates of South India (Spl –Appl. Paly. Paleophytology)
		BIOCHEMISTRY ELECTRONICS GENETICS GEO-INFORMSTICS INORG. CHEMISTRY MATHEMATICS APPL. MATHEMATICS MICROBIOLOGY NUTRITION & DIETETICS	Computational Methods & Bio-Informatics Mobile Communication Systems (Old) A) Applied Human Genetics B) Genetic Toxicology & Genomic Stability Information System & Management A) Medicinal Inorganic Chem. B) Applied Analysis A) Banach Algebra B) Projective Planes C) Fluid Mechanics A) Computational Fluid Dynamics B) Magneto Hydro Dynamics C) Advanced Mechanics of Solids Medicinal Virology & Parasitology Food Service & Management

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 29.04.2013	**PAPER-IV**	MATHS WITH COMP. SCI.	A) Artificial Intelligence & Expert Systems B) Network Securities C) Advanced Operation Research D) Advanced Real Analysis
		ORGANIC CHEMISTRY	A) Advan. Natural Products B) Pesticides C) Medicinal Chemistry – II
		PHYSICAL CHEMISTRY	A) Adv. Quantum Chem. B) Molecular Modeling C) Sugar Chemistry
		PHY.ORG.CHEMISTRY	Spectroscopy Combimaterial
		STATISTICS	Java Programming
		ZOOLOGY	A) Man & Tropical Diseases-II B) Appl. Entomology-II C) Applied Toxicology -II D) Eco. Zoology-II E) Appl. Endocrinology-II F) Agriculture Nematology-II G) Phytonematology-II

		PHYSICS	A) P C Architecture (Spl. Elect. Instru.)
			B) Data & Comp. Communications - II
			  Communication's Architecture &
			  Protocols (Old) (Spl. Elect. Commn.)
			C) Optical Communication System and
			  Measurements (Spl. Optoelectronics)
			D) Electronic Materials & Devices
			  (Spl. Material Science)
			E) Resonance Phenomena in Solids
			  (Spl. S S P)
			F) Resonance Phenomena in Solids
			  (Spl. C M P)

Wednesday 01.05.2013	**PAPER-V**	APPLIED MATHEMATICS	A) Calculus of Variations B) Obj. Oriented Programming Theory C++ C) Dynamical Systems
		APPLIED ELECTRONICS	Fibre & Integrated Optics
		APPLIED GEOLOGY	Adv. Hydrogeology
		ELECTRONICS	Transducers & Electronics Instrumn. (Old)
		MATHEMATICS	A) Calculus of Variations B) Number Theory & Cryptography C) Dynamical Systems

		PHYSICS	A) Instrumentation For Measurement
			  Control& Data Acquisition& Data
			  Transmission (Spl. Elect.Instru.)
			B) Mobile Cellular Communications
			  (Spl. Elect. Commn.)
			C) Optoelectronics Systems & Integration
			  Tech. (Spl. Optoelectronics)
			D) Advanced Materials (Spl. Material Sci.)
			E) Antennas & Radar (Spl. Microwaves)
			F) Studies on Reduced Dimensionality in
			  Solids & Fuel cells (Spl. S S P)
			G) Semiconductor Devices & Nano
			  Minerals (Spl. C M P)

NOTE : **Any clash or omission in the Subjects/Titles in the Time-Table may be brought to the notice of the Controller of Examinations.**

Sd/-
Controller Of Examinations

No. 015/PG/MSC/Exams/2013   Date : 15.04.2013

M.Sc. (CBCS) IV-Semester (Regular, Backlog & Improvement) Examinations April, 2013
Time Table For Campus & Constituent Colleges only
TIME : 10.00 A.M. TO 1.00 P.M.

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 22.04.2013	**PAPER-I**	APPLIED GEOLOGY	A) Environmental Geology
			B) Chemical Geology
		APPL. GEO-CHEMISTRY	Exploration Geochemistry
		ASTROPHYSICS/ ASTRONOMY	Galaxies and Universe
		APPL. ELECTRONICS	Digital System Design Using VHDL
		APPL. STATISTICS	Operations Research – II
		ANAL. CHEMISTRY	Miscellaneous Methods of Analysis
			Physical Methods of Analysis (Old)
		BOTANY	Ecology & Phytogeography
		BIOCHEMISTRY	Endocri. & Metabolic Disorders
		BIO-TECHNOLOGY	Bioprocess Engineering
		COMP. SCIENCE	Data Warehousing & Mining
		ENVIRONMENTAL SCI.	Environmental Biotechnology
		FORENSIC SCIENCE	Biochemistry & Bio-Chemical Techniques
		GEOGRAPHY	Advanced GIS
		GENETICS	Bio-informatics
		GEOPHYSICS/ COMPUTATIONAL GEOPHY.	Remote Sensing and Geophysical Applications
		GEO-INFORMATICS	Digital Image Processing
		INORG. CHEMISTRY	Inorganic Bio-Chemistry
		MATHEMATICS	Advanced Complex Analysis
		APPL. MATHEMATICS	Functional Analysis
			Finite Element Methods (Old)
		MATHS WITH COMP. SCI.	Network Security
			Software Engineering (Old)
		MICROBIOLOGY	Cell & Molecular Biotechnology
		NUTRITION & DIETETICS	A) Nutrition in Intensive Care
			B) Patient Counseling & Comp. Appl.
		ORGANIC CHEMISTRY	Drug Design & Drug Discovery
			Drug Design & Mechanism of Action of Drugs (Old)
		PHYSICAL CHEMISTRY	Thermodynamics & Computational Chemistry
		CHEMISTRY (PHARMACO INFORMATICS)	Strategies in Drug Synthesis (SDS)
		PHY.ORG.CHEMISTRY	Spectroscopy, Photochemistry and Lasers in Chemistry
			Chemical Kinetics, Catalysis & Electro Chemistry (Old)
		PHARMACEUTICAL CHEM	Role of QA, QC & IPR in Pharma Industry
		PHYSICS	Nuclear Physics
		STATISTICS	Non Parametric Inference
		ZOOLOGY	Animal Biotechnology
			Instrumentation Comp. Applications & Animal Bio-Technology (Old)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Wednesday 24.04.2013	**PAPER-II**	APPLIED GEOLOGY	Mining Geology & Engg. Geology
		APPL. GEO-CHEMISTRY	Geochemistry in Hydrocarbon Exploration
		ASTROPHYSICS/ ASTRONOMY	Space Physics
		APPL. ELECTRONICS/ PHYSICS	A) Spectroscopy
			B) Basics of Communication System
		APPL. STATISTICS	Applied Stochastic Process
		ANAL. CHEMISTRY	Applied Analysis
			Electro Analytical Methods (Old)
		BOTANY	A) Molecular Plant Pathology (Spl. Appl. Myco. and Mol. Plant Pathology)
			B) Phytohormones & Plant Development (Spl-Appl. Plt. Phy.& Molec. Biology)
			C) Taxonomy of Angiosperms & Ethnobotany (Spl - Biodiversity of Angio., Phytochem. & Biotech. of Med. Plt.)
			D) Cytogenetics & Crop Improvement (Spl - Cytogenetics, Gen, & Mol, Gen.)
			E) Plant Fossils, Techniques Floristics of Gondwana System
			Plant Fossils, Techniques, Applications and Early Evolution of Life (Old) (Spl –Appl. Palynology & Palaeophytology)
		BIOCHEMISTRY	Bio-Informatics
		BIO-TECHNOLOGY	Medical Bio-Technology
			A) Animal Bio-Technology (Old)
			B) Agricultural Bio-Technology (Old)
			C) Environmental Bio-Technology (Old)
		COMP. SCIENCE	Mobile Computing
		ENVIRONMENTAL SCI.	Environmental Toxicology
		FORENSIC SCIENCE	Forensic Serology & DNA Finger Printing
		GEOGRAPHY	Principles of Remote Sensing
		GENETICS	Plant Molecular Biology
		GEOPHYSICS/ COMPUTATIONAL GEOPHY.	Well Logging
		GEO-INFORMATICS	Photogrammetry
		INORG. CHEMISTRY	Medicinal Inorganic Chemistry
		MATHEMATICS	General Measure Theory
			Fluid Mechanics (Old)
		APPLIED MATHEMATICS	Finite Element Methods
			Functional Analysis (Old)
			Bio-Mechanics (Old)
		MATHS WITH COMP. SCI.	Computer Graphics
		MICROBIOLOGY	Microbial Biotechnology
		NUTRITION & DIETETICS	Food Technology
		ORGANIC CHEMISTRY	Drug Synthesis & Mechanism of Action
			Advanced Heterocyclic Chemistry (Old)
		PHYSICAL CHEMISTRY CHEMISTRY (PHARMACO INFORMATICS)	Applied Chemistry & Material Science
			Pharmaceutical Analysis
		PHY.ORG.CHEMISTRY	Quantum Chemistry & Group Theory
			Quantum Chemistry & Statistical Thermodynamics (Old)
		STATISTICS	Time Series Analysis

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER

Wednesday 24.04.2013	**PAPER-II**	ZOOLOGY	A) Helminthology-II
			   (Nematoda & Acanthocephala)
			B) Entomology – II (Medical Entomology)
			C) Comparative Animal Physiology-II
			   (Animal Adaptation to its Habitat-sensory &
			   Molecular Basis)
			D) Fisheries – II
			   (Principles of Fisheries & Freshwater
			   Fisheries – II)
			E) Neuroscience – II

Friday 26.04.2013	**PAPER-III**	APPLIED GEOLOGY
		APPL. GEOCHEMISTRY
		ASTROPHYSICS
		ASTRONOMY
		APPL. ELECTRONICS
		APPL. STATISTICS
		ANAL. CHEMISTRY
		BIOCHEMISTRY
		BIO-TECHNOLOGY
		BOTANY
			Mineral Economics & Fuels
			Geochemical Data Processing
			Astronomical Techniques
			Binary Stars
			Microcontrollers & Its Applications
			Statistical Pattern Recognition
			Laboratory Management
			Biotechnology
			Animal Biotechnology
			A) Principals of Plant Pathology
			   (Spl. Appl. Myco. & Mol. Plant Pathology)
			B) Plant Molecular Biology, Genetics Engg.
			   Plant Molecular Biology, Genetics Engg.,
			   Recombinant DNA Technology & Bio-
			   Tech.(Old)
			   (Spl-Appl. Plt. Phy.& Molec. Biology)
			C) Pharmacognosy
			   (Spl - Biodiversity of Angio., Phytochem. &
			   Biotech. of Med. Plt.)
			D) Molecular Genetics & Recombinant DNA
			   Tech. (Spl - Cytogenetics, Gen, & Mol, Gen.)
			E) Antiquity of Angiosperms &
			   Tertiary Floristic Studies of South India
			   Gondwana System, Floristies, Continental
			   Drift and Deccan Intertrappean flora (Old)
			   (Spl–Appl. Palynology Palaeophy.)

		COMP. SCIENCE	A) Distributed Systems B) Human Computer Interaction
		ENVIRONMENTAL SCI. FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS/ COMPU. GEOPHYSICS	Environmental Impact Assessment Imprints, Impre. & Questioned Documents Rural Development & Planning Applied Human Genetics A) Integrated Geophysics B) Mineral Exploration
		GEO-INFORMATICS INORG. CHEMISTRY MATHEMATICS	Information Systems & Management Supra Molecular Chem. & Bio-Physical Studies Analy. Techniques & Applied Analy. (Old) A) Fluid Mechanics B) Application of Functional Analysis C) Prime Number Theory A) Calculus of Variations (Old) B) OOPS Through C ++ (Old)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Friday **26.04.2013**	**PAPER-III**	APPL. MATHEMATICS	A) Adv. Operations Research B) Magneto Hydro Dynamics C) Non Linear Dynamical Systems A) Calculus of Variations (Old) B) OOPS Through C++ (Old)
		MATHS WITH COMP. SCI.	A) Automata Language & Computation B) Image Processing C) Artificial Intelligence & Expert Sys. Network Security (Old)
		MICROBIOLOGY	Medical Virology & Parasitology Pharmaceutical Microbiology (Old)
		NUTRITION & DIETETICS	Community Nutrition
		ORGANIC CHEMISTRY	Advanced Heterocyclic Chemistry Advanced Natural Products (Old) Bio-Organic Chemistry (Old)
		PHYSICAL CHEMISTRY	Catalysis A) Polymer Chemistry (Old) B) Engineering Chemistry (Old)
		CHEMISTRY (PHARMACO INFORM.)	Pharmaco Kinetics Pharmaco Dynamics& Pharm. Kinetics (Old)
		PHY.ORG.CHEMISTRY	Org. Spectros. & Pericyclic Reactions N M R Spectroscopy Biomolecules – Enzymes Nucleic Acids & Lipids & Heterocycles(Old)
		PHYSICS	A) Optical Phenomena in Solids (Spl. S S P) B) Linear Dielectrics & Magnetics (Spl. M.S.) Engineering Materials (Old) (Spl. M.S.) C) Embeded Microsystems (Spl. E.I.) D) Optical Fibers (Spl. E.C.) E) Radiation Biophysics (Spl. B.P.) F) Principles of Communications (Spl. M.W) G) Optical Phenomena in Solids (Spl. C M P)
		STATISTICS	Statistical Quality Control

		ZOOLOGY	A) Man & Tropical Diseases - II
			B) Applied Entomology - II
			   (Integrated Pest Management)
			C) Agricultural Nematology - II
			D) Economic Zoology – II
			E) Applied Toxicology - II
			F) Endocrinology – II
			  (Molecular & Pharmaceutical Endocrinology)

Monday **29.04.2013**	**PAPER-III** **(Academic Year 2009 – 2011 batch candidates only)**	BOTANY	A) Fungal Biotechnology (Spl. Appl. Myco.& Mol. Plant Pathology) (Old)
			B) Physiology & Molecular Biology of Nitrogen Fixation (Old)
			   (Spl-Appl. Plt. Phy.& Molec. Biology)
			C) Phytochemistry of Medicinal Plants (Old)
			   (Spl - Biodiversity of Angio., Phytochem. & Biotech. of Med. Plt.)
			D) Plant Bio-Technology & Gene. Engg. (Old)
			   (Spl - Cytogenetics, Gen, & Mol, Gen.)
			E) Antiquity & Origin of Angiosperms & Tertiary Floras & Climates of South India
			(Spl–Appl. Palynology Palaeophytology) (Old)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 29.04.2013	**PAPER-IV**	APPLIED GEOLOGY	A) Mineral Chemistry
			B) Precambrian Geology & Crustal Evolution
		APPLIED GEOCHEM.	A) Drainage Geochemistry
			B) Hydro-geochemistry
		ASTROPHYSICS/ ASTRONOMY	A) Dynamics of Stellar Systems
			B) Basics of Nano science
		APPLIED ELECTRONICS	Control Systems
		APPLIED STATISTICS	Artificial Neural Networks (ANN)
		ANALYTICAL CHEMISTRY	Quality Assurance & Accreditation
			Environ., Industrial Forensic Analysis (Old)
		BOTANY/ ENVIRONMENTAL SCI.	A) Bio-fertilizers & Organic Farming
			B) Environmental Pollution & Protection
		BIOCHEMISTRY	Physiology & Xenobiotics
		BIO-TECHNOLOGY	A) Environmental Bio-Technology
			B) Protein Engineering
		FORENSIC SCIENCE	Molecular Biology & Immunology
		GEOGRAPHY	Principles of Cartography
		GENETICS	A) Pharmaco genomics
			B) Cell/Tissue Engineering
		GEOPHYSICS/ COMPUTA. GEOPHY.	A) Groundwater, Environmental & Engg. Geophysics
			B) Hydrocarbon Exploration
		GEO-INFORMATICS	RS & GIS Applications for Agriculture Rural Development & Planning
		INORGANIC CHEMISTRY	A) Separation Methods, DataHandling , Green Chemistry and Nano Technology
			B) Applied Analysis
			Analytical Techniques & Applied Anal. (Old)
		MATHEMATICS	A) Calculations of Variations
			B) OOPS Through C++
			C) Banach Algebra
		APPLIED MATHEMATICS	A) Calculations of Variations
			B) OOPS Through C++
			C) Bio-Mechanics
		MATHS WITH COMP. SCI.	A) Elementary Number Theory
			B) Finite Difference Methods
		MICROBIOLOGY	A) Microbial Proteomics
			B) Microbial Ecology & Plant Microbe Interaction
		NUTRITION & DIETETICS	Food Service Management
		ORGANIC CHEMISTRY	Advanced Natural Products
			Medicinal Chemistry (Old)
		PHYSICAL CHEMISTRY	Engineering Chemistry
		CHEMISTRY (PHARMACO INFOR.)	A) Intellectual Property Rights (IPR)
			B) Organic Synthesis, Pericyclic Reactions and Photochemistry
		PHYSICS	A) Resonance Phenomena in Solids (Spl. S S P)
			B) Elec. Materials & Devices (Spl. M.S.)
			C) P C Architecture & Hardware (Spl.E I)
			D) Commu. Architecture & Protocols (Spl.EC) Data & Computer Communications-II (Spl. E.C.) (Old)
			E) Bio-Instrum. & Medical Physics (Spl. B.P.)
			F) Information Theory, Coding & Computer Communication Systems (Spl. M. W.)
			G) Resonance Phenomena in Solids (Spl.C M P)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 29.04.2013	**PAPER-IV**	PHYSICAL ORG. CHEM.	A) Heterocyclic, Bimolecules, Green Chemistry, Principles of Drug Design & Discovery B) Modern Material Chemistry, Combinational Chemistry C) Bio-polymer Chemistry Combinational Synthesis, Chiral Drugs, Green Chemistry & Aromaticity (Old)
		STATISTICS	Advanced Operations Research
		ZOOLOGY	A) Biodiversity Conservation & Systematics B) Clinical Science & Pathology
Wednesday 01.05.2013	**PAPER-V**	APPL. ELECTRONICS	Microwave Systems
		PHYSICS	A) Studies on Reduced Dimensionality in Solids (Spl. S S P) B) Advanced Materials and Materials Characterisation (Spl. M.S.) C) Instru. for Mgt. Control, Data Acquisition (Spl E.I.) C) Instrumentation for Measurement Control and Data Acquisition (E.I. – Old) D) Mobile Cellular Communications (Spl. E.C.) E) Physio. Chemical Techniques in Bio-Physics (Spl. B P) F) Antennas & Radar (Spl. M.W.) G) Semiconductor Devices & Nano Materials (Spl. C M P)
		MATHEMATICS	A) Elements of Information Technology B) Finite Difference Methods
		APPL. MATHS	A) Elements of Information Technology B) Elementary Number Theory
Tuesday 07.05.2013	**I.D.P. = Inter Disciplinary Paper**	APPLIED GEOLOGY	Remote Sensing & GIS Appli (I.D.P. 1 & 2)
		APPL. ELECTRONICS	Basics of Communication Sys. (I.D.P.- 1)
		BOTANY	Bio-fertilizers & Organic Forming (I.D.P.- 1, 2 & 3)
		BIOCHEMISTRY	Molecular Biolo. & Immunology (I.D.P.- 1)
		BIO-TECHNOLOGY	Applications in Bio-Technology (I.D.P.- 1, 2 & 3)
		COMPUTER SCIENCE	Computational Techniques (I.D.P.- 1 & 3)
		ENVIRONMENTAL SCIENCE	Environmental Pollution & Protection (I.D.P.- 1)
		ORENSIC SCIENCE	Forensic Serology & DNA Finger Printing (I.D.P.- 1)
		GEOGRAPHY/ GEOINFORMATICS	Geo-informatics (I.D.P.- 1)
		GEOPHYSICS	Exploration Geophysics (I.D.P.- 1)
		COMPUTATIONAL GEOPHY.	Natural Hazards (I.D.P.- 1)
		MATHS/APPL. MATHS/ MATHS WITH COMP. SCI.	Applicable Mathematics (I.D.P.- 1, 2)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER

Tuesday 07.05.2013	I.D.P. = Inter Disciplinary Paper	MICROBIOLOGY
		CHEMISTRY
		PHARMACEUTICAL CHEM.
		PHYSICS
		
		STATISTICS
		ZOOLOGY
			Industrial Microbiology (I.D.P.- 1)
			Spectroscopic Techniques (I.D.P.- 1, 2 & 3)
			Natural Pharmaceuticals (I.D.P.- 3)
			A) Basic of Communication Systems
			     (I.D.P.- 1 & 3)
			B) Medical Physics & Bioinformatics
			     (I.D.P.- 2)
			Statistics & Data Analysis (I.D.P.- 1)
			Toxicology (I.D.P.- 1, 2 & 3)

Wednesday 08.05.2013	Compulsory Add on Course Paper	TIME : 10.00 AM to 12.00 Noon	Community Work

NOTE : **Any clash or Omission in the Subjects / Titles in the Time-Table may be brought to the notice of the Controller of Examinations.**

Sd/-

CONTROLLER OF EXAMINATIONS

No. 015/PG/MSC/Exams/2013   Date : 15.04.2013

M.Sc. (Applied Electronics & Physics - CBCS)
IV-Semester (Backlog & Improvement) Examinations April, 2013
Time Table For Campus & Constituent Colleges only
TIME : 10.00 A.M. TO 1.00 P.M.

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 22.04.2013	**Paper-I**	APPLIED ELECTRONICS PHYSICS	Digital System Design Using VHDL Nuclear Physics
Friday 26.04.2013	**Paper-II**	APPLIED ELECTRONICS PHYSICS	Micro Controller & It's Applications A) Optical Phenomena in Solids (Spl. S S P) B) Engineering Materials (Spl. M.S.) C) Embeded Microsystems (Spl. E.I.) D) Optical Fiber Communications (Spl. E.C) E) Radiation Biophysics (Spl. B.P.) F) Principles of Communications (Spl. M.W) G) Optical Phenomena in Solids (Spl. C M P)
Monday 29.04.2013	**Paper-III**	APPLIED ELECTRONICS PHYSICS	Control Systems A) Resonance Phenomena in Solids (Spl. S S P) B) Elec. Materials & Devices (Spl. M.S.) C) P C Architecture (Spl. E.I) D) Data & Computer Communications-II (Spl. E.C.) E) Bio-Instrum. & Medical Physics (Spl. B.P.) F) Information Theory, Coding & Comp. Communication Systems (Spl. M. W.) G) Resonance Phenomena in Solids (Spl.C M P)
Wednesday 01.05.2013	**Paper-IV**	APPL. ELECTRONICS PHYSICS	Microwave Systems A) Studies on Reduced Dimensionality in Solids & Fuel Cells (Spl. S S P) B) Advanced Materials (Spl. M.S.) C) Instrumentation for Mgt. Control, Data Acquisition & Data Transmission (Spl E.I.) D) Mobile Cellular Communications (Spl. E.C.) E) Physio. Chemical Techniques in Bio-Physics (Spl. B P) F) Antennas & Radar (Spl. M.W.) G) Semiconductor Devices & Nano Materials (Spl. C M P)
Tuesday 07.05.2013	**I.D.P. = Inter Disciplinary Paper**	APPL. ELECTRONICS PHYSICS	Basics of Communication Sys. (I.D.P.- 1) A) Basic of Communication Systems (I.D.P.- 1 & 3) B) Medical Physics & Bioinformatics (I.D.P.- 2) C) Basic Electronics (I.D.P.)
Wednesday 18.05.2013	**Compulsory Add on Course Paper**	**TIME : 10.00 AM to 12.00 Noon**	Community Work

NOTE : Any clash or omission in the Subjects/Titles in the Time-Table may be brought to the notice of the Controller of Examinations.

                                                              Sd/-

CONTROLLER OF EXAMINATIONS

No.015/PG/MSC/Exams/2013   Date : 15.04.2013

M.Sc. (Botany) IV-Semester (Backlog & Improvement) Examinations April, 2013
Time Table For Campus & Constituent Colleges only
TIME : 10.00 A.M. TO 1.00 P.M.

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Wednesday 24.04.2013	**Paper-I**	BOTANY	A) Molecular Plant Pathology (Spl. Appl. Myco. & Mol. Plant Pathology) B) Phytohormones & Plant Development (Spl. Appl. Plt. Phy. & Molecular Bio.) C) Taxonomy of Angiosperms & Ethnobotany (Biodiversity of Angio. Phytochem & Biotech. of Med. Plants) D) Cytogenetics & Crop Improvement (Spl. Cytogenetics, Gen. & Mol. Gen.) E) Plant Fossils, Techniques, Applications and Early Evolution of Life (Spl. Appl. Palynology & Palaeophy.)
Friday 26.04.2013	**Paper-II**	BOTANY	A) Principals of Plant Pathology (Spl. Appl. Myco. & Mol. Plant Pathology) B) Plant Molecular Biology, Genetics Engg., Recombinant DNA Technology & Bio-Tech. (Spl-Appl. Plt. Phy.& Molec. Biology) C) Pharmacognosy (Spl - Biodiversity of Angio., Phytochem. & Biotech. of Med. Plt.) D) Molecular Genetics & Recombinant DNA Tech. (Spl - Cytogenetics, Gen, & Mol, Gen.) E) Gondwana Sys., Floristics Continental Drift & Deccan Intertrappean Flora (Spl –Appl. Palynology & Palaeophytology)
Monday 29.04.2013	**Paper-III**	BOTANY	A) Fungal Biotechnology (Spl. Appl. Myco.& Mol. Plant Pathology) B) Physiology & Molecular Biology of Nitrogen Fixation (Spl-Appl. Plt. Phy.& Molec. Biology) C) Phytochemistry of Medicinal Plants (Spl - Biodiversity of Angio., Phytochem. & Biotech. of Med. Plt.) D) Plant Bio-Technology & Gene. Engg. (Spl - Cytogenetics, Gen, & Mol, Gen.) E) Antiquity & Origin of Angiosperms & Tertiary Floras & Climates of South India (Spl–Appl. Palynology Palaeophytology)
Tuesday 07.05.2013	**I.D.P. = Inter Disciplinary Paper**	BOTANY	Bio-fertilizers & Organic Forming (I.D.P.- 1, 2 & 3)
Wednesday 18.05.2013	**Compulsory Add on Course Paper**	**TIME : 10.00 AM to 12.00 Noon**	Community Work

NOTE : **Any Clash or omission in the Subjects/Titles in the Time-Table may be brought to the notice of the Controller of Examinations**.

Sd/-
Controller Of Examinations

No.015/PG/MSC/Exams/2012   Date : 15.04.2013

M. Sc. (Chemistry) Five Years Integrate Course II (Backlog & Improvement), IV, VI & VIII Semester (Regular, Backlog & Improvement) and X-Semester (Regular) Examinations April 2013
Time Table
II-Semester (Backlog & Improvement)
Time : 10.00 a.m. to 1.00 p.m. (Forenoon)

DAY	DATE	PAPER	TITLE OF THE PAPER
Tuesday	23.04.2013	I	Communicative English - II
Friday	26.04.2013	II	Statistics
Tuesday	30.04.2013	III	Physics-II
Saturday	04.05.2013	IV	Chemistry-III
Tuesday	07.05.2013	V	Chemistry-IV
Thursday	09.05.2013	VI	Environmental Studies

IV-Semester (Regular, Backlog & Improvement)
Time : 10.00 a.m. to 1.00 p.m. (Forenoon)

DAY	DATE	PAPER	TITLE OF THE PAPER
Monday	22.04.2013	I	Human Physiology & Health Care
Wednesday	24.04.2013	II	Computers – II
Saturday	27.04.2013	III	Biotechnology - II
Friday	03.05.2013	IV	Chemistry-VII
Monday	06.05.2013	V	Chemistry-VIII
Wednesday	08.05.2013	VI	Analytical Economics

P.T.O.

VI-Semester (Regular, Backlog & Improvement)
TIME : 2.00 p.m. to 5.00 p.m. (Afternoon)

DAY	DATE	PAPER	TITLE OF THE PAPER
Monday	22.04.2013	I	Inorganic Chemistry
Thursday	25.04.2013	II	Organic Chemistry
Monday	29.04.2013	III	Physical Chemistry
Friday	03.05.2013	IV	Analytical Techniques & Spectroscopy

VIII-Semester (Regular, Backlog & Improvement)
TIME : 2.00 p.m. to 5.00 p.m. (Afternoon)

DAY	DATE	PAPER	TITLE OF THE PAPER
Wednesday	24.04.2013	I	Bio-Inorganic Chemistry
Saturday	27.04.2013	II	Organic Chemistry
Wednesday	01.05.2013	III	Physical Chemistry
Tuesday	07.05.2013	IV	Physical Organic Chemistry

X-SEMESTER (REGULAR)
Time : 10.00 a.m. to 1.00 p.m.

DAY	DATE	PAPER	TITLE OF THE PAPER
Tuesday	23.04.2013	I	Intellectual Property Rights
Thursday	25.04.2013	II	a) Green Chemistry b) Pharmaceutical Analysis c) Pharmaceutical Design, Development and Computer Application

NOTE : Any Clash or omission in the Subjects/Titles in the Time-Table may be brought to the notice of the Controller of Examinations.

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